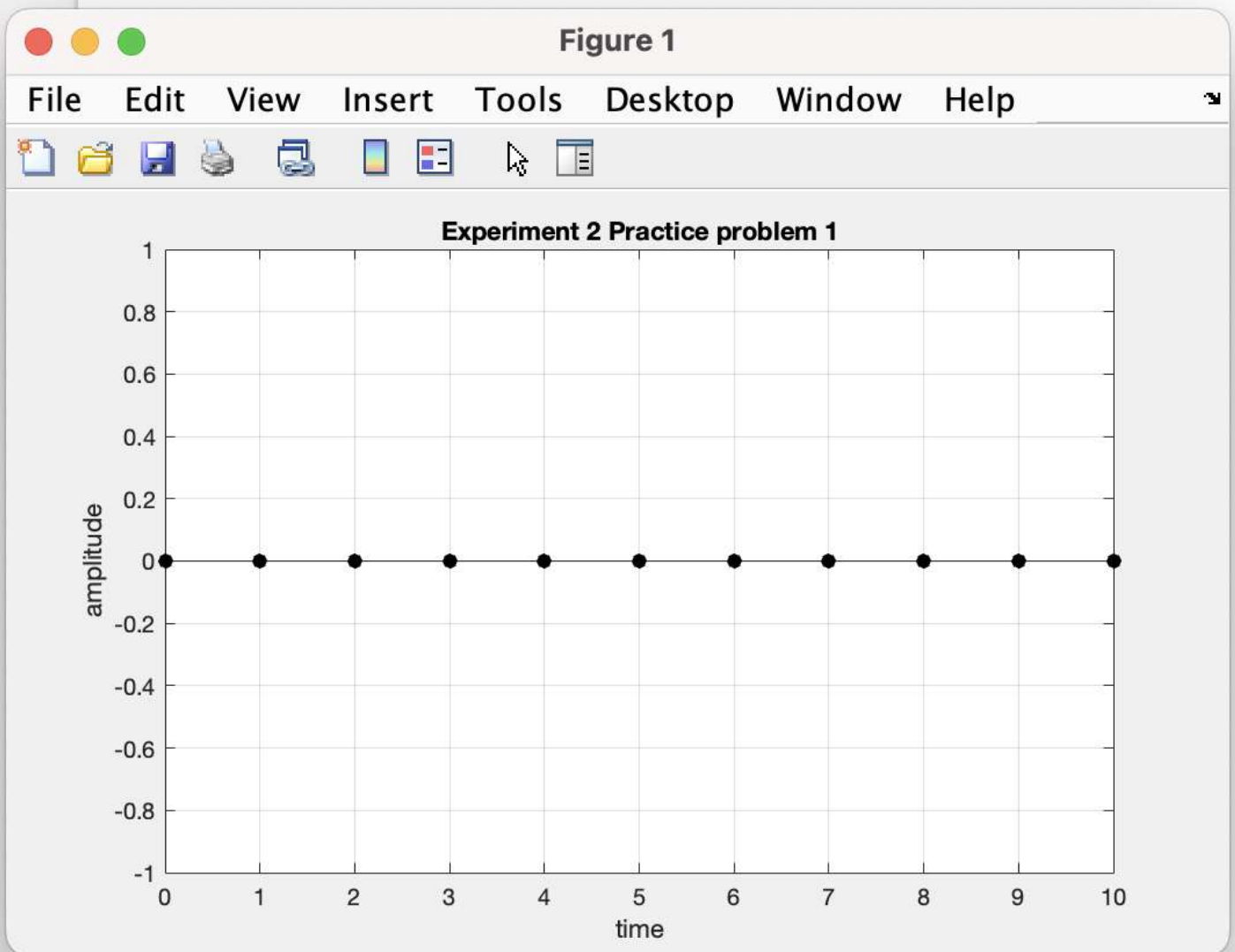```matlab
1   clc; close all; clear all;
2   t = 0:10;
3   r1 = t+2;
4   r2 = t+1;
5   r3 = t-2;
6   r4 = t-3;
7   y = r1-r2-r3+r4;
8   stem(t,y,'filled', Color='black'); grid on
9   xlabel('time'); ylabel('amplitude');
10   title('Experiment 2 Practice problem 1')
```

Figure 1

File    Edit    View    Insert    Tools    Desktop    Window    Help



Experiment 2 Practice problem 1

expt2_a.m    expt2_b.m    +

```matlab
1    clc; close all;
2    n = -4:0.01:1;
3    u1 = n >= -2;
4    u2 = n >= 1;
5    u3 = n >= 5;
6    y = u1 - 3*u2 + 2*u3;
7    plot(n,y,color='#000000')
8    axis([-5 2 -3 2])
9    grid on
10   xlabel('time'); ylabel('amplitude');
11   title('Experiment 2 Practice problem 2')
```

Figure 1

File Edit View Insert Tools Desktop Window Help

Experiment 2 Practice problem 2